



Our Docket No: 4216893

**RESPONSE UNDER 37 C.F.R. § 1.116  
-- EXPEDITED PROCEDURE --  
EXAMINING GROUP 1700**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

TAN TZYU HAW, ET AL.

Application No: 10/609,203

Filed: June 26, 2003

For: IMPROVING BALL GRID ARRAY  
SOLDER JOINT RELIABILITY

Examiner: Johnson, Jonathan J.

Art Unit: 1725

**RESPONSE AFTER FINAL**

Mail Stop: AF  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the final Office Action mailed May 22, 2006, Applicants respectfully request the Examiner to enter the following amendment and to consider the following remark.

**FIRST CLASS CERTIFICATE OF MAILING**

I hereby certify that I am causing the above-referenced correspondence to be deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and that this paper or fee has been addressed to the Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date of Deposit: July 19, 2006

Name of Person Mailing Correspondence: Krista Mathieson

Krista Mathieson  
Signature

July 19, 2006  
Date



AF

<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)		Application No.	10/609,203
		Filing Date	June 26, 2003
		First Named Inventor	Tan Tzyy Haw
		Art Unit	1725
		Examiner Name	Johnson, Jonathan J.
Total Number of Pages in This Submission	11	Attorney Docket Number	42P16893

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input checked="" type="checkbox"/> Amendment / Response  <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> PTO/SB/08  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/Incomplete Application  <input type="checkbox"/> Basic Filing Fee <input type="checkbox"/> Declaration/POA  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <div style="border: 1px solid black; padding: 5px; margin-top: 10px;">- The First Class Certificate of Mailing; - Return receipt postcard</div>
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Aslam A. Jaffery, Reg. No. 51,841  BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
Signature	
Date	July 19, 2006

CERTIFICATE OF MAILING/TRANSMISSION			
I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.			
Typed or printed name	Krista Mathieson		
Signature		Date	July 19, 2006



# FEE TRANSMITTAL for FY 2005

Patent fees are subject to annual revision.

Complete if Known

Application Number	10/609,203
Filing Date	June 26, 2003
First Named Inventor	Tan Tzyy Haw
Examiner Name	Johnson, Jonathan J.
Art Unit	1725
Attorney Docket No.	42P16893

☐ Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT (\$) 0.00

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account Deposit Account Number: 02-2666 Deposit Account Name: Blakely, Sokoloff, Taylor & Zafman LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee  
☒ Charge any additional fee(s) or underpayment of fee(s) under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20. ☒ Credit any overpayments

## FEE CALCULATION

### 1. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
8	29*	0	\$0.00
Independent Claims	5*	0	\$0.00
Multiple Dependent			
Large Entity	Small Entity		
Fee Code	Fee Code	Fee Description	
1202 50	2202 25	Claims in excess of 20	
1201 200	2201 100	Independent claims in excess of 3	
1203 360	2203 180	Multiple Dependent claim, if not paid	
1204 790	2204 395	**Reissue independent claims over original patent	
1205 300	2205 150	**Reissue claims in excess of 20 and over original patent	
SUBTOTAL (1)		(\$)	0.00

\*\*or number previously paid, if greater, For Reissues, see below

### 2. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee Code		
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
2053 130	2053 130	Non-English specification	
1251 120	2251 60	Extension for reply within first month	
1252 450	2252 225	Extension for reply within second month	
1253 1,020	2253 510	Extension for reply within third month	
1254 1,590	2254 795	Extension for reply within fourth month	
1255 2,160	2255 1,080	Extension for reply within fifth month	
1401 500	2401 250	Notice of Appeal	
1402 500	2402 250	Filing a brief in support of an appeal	
1403 1,000	2403 500	Request for oral hearing	
1451 1,510	2451 1,510	Petition to institute a public use proceeding	
1460 130	2460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
1809 790	1809 395	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810 790	2810 395	For each additional invention to be examined (37 CFR § 1.129(b))	
Other fee (specify)			
SUBTOTAL (2)		(\$)	

## SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Aslam A. Jaffery	Registration No. (Attorney/Agent)	51,841	Telephone	(303) 740-1980
Signature		Date	07/19/06		